

What is claimed is:

1. An image search device comprising:

a first image pickup optical system;

a first image pickup device which picks up an image
5 of a predetermined visual field formed through said first
image pickup optical system to output a first image signal
representing the picked up image;

a second image pickup optical system including at
least one lens which forms an image of at least a part of
10 the predetermined visual field;

a second image pickup device which picks up the image
formed through said second image pickup optical system to
output a second image signal representing the picked up
image;

15 a shift unit which shifts an area to be picked up by
said second image pickup device through said second image
pickup optical system within the predetermined visual field
by shifting an optical axis of the lens in said second
image pickup optical system relative to said second image
20 pickup device;

an image synthesizing unit which adds an image signal
representing a mark showing the area corresponding to the
image picked up by said second image pickup device to the
first image signal based on an amount of the relative shift
25 of said optical axis to said second image pickup device;

a first display unit which displays the image represented by said first image signal performed with said synthetic processing by said image synthesizing unit; and

a second display unit which displays the image
5 represented by said second image signal.

2. The image search device according to claim 1,
wherein

said shift unit has an optical axis shifting member which shifts the optical axis by moving in a plane
10 perpendicular to the optical axis, and a moving unit which moves the optical axis shifting member;

3. The image search device according to claim 2,
wherein

said optical axis shifting member is an image
15 erecting optical system comprising at least four reflection surfaces.

4. The image search device according to claim 1,
wherein

said first image pickup optical system and said
20 second image pickup optical system share an objective optical system including the lens whose optical axis is shifted by said shift unit relative to said second image pickup device, and a separating optical member which separates object light having passed through the objective
25 optical system; and

said second image pickup optical system has an image re-forming optical system arranged rear of said separating optical member to relay at least a part of an image formed through said objective optical system.

5 5. The image search device according to claim 4, wherein

said image re-forming optical system includes a variator to change magnifying power of the whole image re-forming optical system by moving along its optical axis;
10 and

said image synthesizing unit computes amplitude of the area corresponding to the image picked up by said second image pickup device in the image picked up by said first image pickup device based on a position of said
15 variator and generates an image signal representing the mark showing the area having the computed amplitude.

6. The image search device according to claim 4, wherein

said objective optical system is incorporated in an
20 endoscope.

7. The image search device according to claim 4, wherein

said objective optical system is incorporated in a surveillance camera.